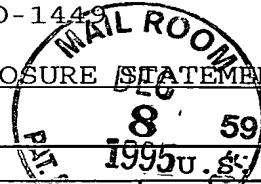


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## INFORMATION DISCLOSURE STATEMENT

Atty Docket  
0652.1350000Serial No.  
08/249,671Applicant  
Hauptmann et al.Filing Date  
May 26, 1994Group 181  
To Be Assigned

## 1995 U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date
AA	AA1 5,196,323	3/23/93	Bodo et al.	435	69.51	6/12/91
AB						
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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-class	Trans-lation
AL	AL1 0 115 613	08/15/84	Europe			Abstract
AM	AM1 WO 89/03225	04/20/89	PCT			Yes No
AN						Yes No
AO						Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Adolf G.R., Monoclonal Antibodies and Enzyme Immunoassays Specific for Human Interferon (INF) $\omega$ 1: Evidence that IFN- $\omega$ 1 is a Component of Human Leukocyte IFN, <i>Virology</i> 175:410-417 (1990)
AS	1	Beltz et al., Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods, <i>Meth. Enzymol.</i> 100:266-285 (1983)
AT	1	Bodo & Maurer-Fogy, Molecular Species of Recombinant Human Interferon Alpha 2 Detected in Affinity Purified Preparations. In: <i>The Biology of the Interferon System</i> (ed. Stewart, W.E. II Schellekens, H.), Elsevier Scientific Publishing Co., Amsterdam, pp. 59-64 (1985)

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EXAMINER: Initial if difference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date
RC	AA					
RC	AB 59					
RC	AC 44					
RC	AD 61					
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RC	AF					
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RC	AK					

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	AL					Yes No
	AM					Yes No
	AN					Yes No
	AO					Yes No
	AP					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DR	AR	2	Breitling et al., Secretory expression in <i>Escherichia coli</i> and <i>Bacillus subtilis</i> of human interferon $\alpha$ genes directed by staphylokinase signals, <i>Mol. Gen. Genet.</i> 217:384-391 (1989)
	AS	2	Chang et al., Nucleotide sequence of the alkaline phosphatase gene of <i>Escherichia coli</i> , <i>Gene</i> 44:121-125 (1986)
	AT	2	Derwent World Patent Index, English language abstract of European Patent 0 115 613.

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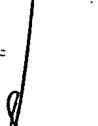
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	AR	3	Dworkin-Rastl et al., Construction of expression plasmids producing high levels of human leukocyte-type interferon in <i>Escherichia coli</i> , <i>Gene</i> 21:237-248 (1983)
	AS	3	Fuh et al., The Human Growth Hormone Receptor, <i>J. Biol. Chem.</i> 265(6):3111-3115 (1990)
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AP						Yes No

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<i>PF</i>	AR	4	Goeddel et al., The structure of eight distinct cloned human leukocyte interferon cDNAs, <i>Nature</i> 290:20-26 (1981)
	AS	4	Hauptmann & Swetly, A novel class of human type I interferons, <i>Nucl. Acid Res.</i> 13(13):4739-4749 (1985)
<i>PF</i>	AT	4	Ho et al., Site-directed mutagenesis by overlap extension using the polymerase chain reaction, <i>Gene</i> 77:51-59 (1989)

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AL						Yes No
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<i>PF</i>	AR	5	Kafatos et al., Determination of nucleic acid sequence homologies and relative concentrations by a dot hybridization procedure, <i>Nucl. Acids Res.</i> 7(6):1541-1552 (1979)
	AS	5	Lee et al., Characterization of Gene Encoding Heat-Stable Toxin II and Preliminary Molecular Epidemiological Studies of Enterotoxigenic <i>Escherichia coli</i> Heat-Stable Toxin II Producers, <i>Infection and Immunity</i> 42(1):264-268 (1983)
	AT	5	Mantel et al., The nucleotide sequence of cloned human leukocyte interferon cDNA, <i>Gene</i> 10:1-10 (1980)

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EXAMINER: Initial if re~~GROUP 1800~~ considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>PF</i>	AR	6	Owen & Pitcher, Current Methods for Estimating DNA Base Composition and Levels of DNA-DNA Hybridization, <i>Chemical Methods in Bacterial Systematics</i> , pp.67-93 (1985)
	AS	6	Picken et al., Nucleotide Sequence of the Gene for Heat-Stable Enterotoxin II of <i>Escherichia coli</i> , <i>Infection and Immunity</i> 42(1):269-275 (1983)
	AT	6	Shuttleworth et al., Sequence of the gene for alkaline phosphatase from <i>Escherichia coli</i> JM83, <i>Nucl. Acid Res.</i> 14(2):8689 (1986)

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960509

EXAMINER: Initial if GROUP 1812 has been considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DR</i>	AR	7	Streuli et al. At Least Three Human Type $\alpha$ Interferons: Structure of $\alpha_2$ , <i>Science</i> 209:1343-1347 (1980)
	AS	7	Thatcher & Panayotatos, Purification of Recombinant Human IFN- $\alpha_2$ , <i>Methods Enzymol.</i> 119:166-177 (1986)
	AT	7	Twigg and Sherratt, Trans-complementable copy-number mutants of plasmid ColE1, <i>Nature</i> 283:216-218 (1980)

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